

TOP SECRET

I
MAGERY
A
NALYSIS
D
IVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

[REDACTED]

SEVERODVINSK NAVAL BASE AND
SHIPYARD 402, SEVERODVINSK, USSR

[REDACTED]

Declass Review by NIMA/ DOD

[REDACTED]

25X

CIA/PIR 67167

[REDACTED]

25X

DATE JANUARY 66

COPY 90

PAGES 8

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET²

25X1

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

X1

Approved For Release 2003/07/05 : CIA-RDP78T05161A000800010088-5

TOP SECRET

25X1

CIA IMAGERY ANALYSIS DIVISION

CIA/PIR-67167

SEVERODVINSK NAVAL BASE AND SHIPYARD 402

SEVERODVINSK, USSR

X1

- 1 -

25X1

Approved For Release 2003/07/05 : CIA-RDP78T05161A000800010088-5

TOP SECRET

TOP SECRET

CIA/PIR-67167

CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : NAVAL BASE & SHIPYARD 402
LOCATION : SEVERODVINSK, USSR
GEO COORDS: 64-35N 039-50E

KEY TO VESSEL ANNOTATIONS

1. Probable ZEYA Class YSRN (LOA approx 240').
This auxiliary has moved up one berthing space to the northeast along-side the same quay from where it had previously been observed. See annotation 19, [REDACTED] The small structure on quay has apparently been moved back to same position on quay as the structure resembling "M-130" house seen on this quay on [REDACTED] (See annotation 9, Figure 8, [REDACTED] and annotation "B" below.) No submarines or other vessels are presently berthed alongside any portion of the quay to the Nuclear Submarine Special Support Facility. The depressed center section of the ZEYA is now aligned with the position on the quay formerly occupied by the small object spanning the craneway on [REDACTED] From the five [REDACTED] coverages obtained of the Nuclear Submarine Special Support Facility, dating back to [REDACTED] a pattern appears to be emerging with respect to the positioning of the structure on the craneway and the berthing of the ZEYA Class YSRN. Either the small object on the quayside craneway (believed in all instances to equate to the structure resembling the "M-130" house on [REDACTED] photography) - or the ZEYA Class YSRN has been observed in each instance to be aligned with a position actually or previously occupied by the after section of a nuclear submarine. See facility annotations "B" and "C" below.
2. Unidentified SS alongside Naval Base pier (visible waterline length approx 220').
A BOLVA Class APL (visible LOA approx 245') is also berthed along the opposite (eastern) side of the pier. See annotation 16, [REDACTED]
3. Two possible RIGA Class DE (visible LOA approx 300'). See annotation 12, [REDACTED]
4. Possible YAGT (apparent LOA approx 350').
5. Possible "J" Class SSG (visible waterline length approx 260').

TOP SECRET

TOP SECRET

CIA/PIR-67167

CIA IMAGERY ANALYSIS DIVISION

6. Large floating dock (LOA approx 435') containing a large unidentified submarine.

Judging from the position of a possible sail the bow of the submarine appears to be placed at the northeastern end of the dock. Actual location of the bow cannot be determined; however, a small white object is visible in the general area of the dock where the bow could reasonably be expected to be. The distance from the possible stern to this white object is approximately 390 feet. No sheds or canvas structures were visible on this submarine although low contrast precluded a detailed analysis of the submarine. The floating dock is within 150 feet of the position where a large floating dock containing an "H" Class SSBN was observed on [] (See annotations 14 and 15, []) It is possible that this is the same submarine and dock previously seen by this quay on [] and later observed on the unflooded shallow side of the main launch basin at the main shipyard on both [] (annotation 30, [])

7. Very large floating crane.

Crane has apparently been moved from a position roughly 100 feet further east alongside this quay where it was observed on [] see annotation 4, [] Several small unidentified objects are located on the quay by the crane. At least three of these small objects appear to be circular.

8. Two unidentified SS and one possible SS. Poor imagery and poor contrast between the submarines and a possible small yard craft along same axis preclude measurements.

9. Possible auxiliary (could not be measured). See annotation 3, []

10. Two possible SS (could not be measured).
A linear white object is visible on the water outboard of the westernmost of the two possible SS.

11. Two possible yard craft.
No destroyer types were observed along this quay.

12. Eight unidentified small craft on quay. See annotation 17, []

13. Probable catamaran-type vessel under construction on side launching way (LOA approx 310'). See annotation 21, []

14. Two possible yard craft alongside quay. See annotation 17, []
No submarines are visible outboard of these craft.

TOP SECRET

CIA/PIR-67167

CIA IMAGERY ANALYSIS DIVISION

15. Floating dock containing possible submarine (possible SS could not be measured).

Dock was unoccupied on [] See annotation 13, []

16. Large probable SS (end-point or probable stern too indistinct to measure). A high shed or canvas structure, approximately 105 feet in length, is positioned roughly 65 feet from the probable bow (end-point nearest the floating dock - annotation 15 above). A lower, white linear object is located on the hull of the probable submarine near its probable stern. Bow appears more likely to be that of an "E" Class rather than that of either an "N" Class or "H" Class submarine; this impression is due to the narrow forward taper and lack of a visible "staybrite" belt on bow. Submarine is berthed outboard of a rectangular support barge. See annotation 15, []

17. Large unidentified SS (apparent waterline length approx 390') berthed outboard of a support barge alongside quay. Two series of possible floating vertical security screens are outboard of the submarine. A very small white object on the narrow tapered bow appears to resemble the bow sonar observed on "E" Class SSGN. (For good [] examples of "E" Class bow imagery refer to annotations 2 and 4, Figure 4, [] note the difference in size and taper between the "E" Class and the "N" Class oriented in the same axis on that graphic - annotation 11.) Submarine is berthed outboard of rectangular support barge. See annotation 14, []

18. Large unidentified submarine (visible waterline length approx 360'). Submarine is berthed outboard of a probable support barge alongside quay. Three possible floating vertical security screens are along outboard side of submarine. No submarine was observed at this berthing space on [] See annotation 11, []

19. Large unidentified submarine (apparent waterline length approx 380'). Submarine is berthed outboard of rectangular support barge. Three possible floating vertical security screens are along outboard side of submarine. Very small white object on narrow tapered bow appears to resemble bow sonars observed on "E" Class SSGN. No submarine or support barge was observed in this berthing space on [] See annotation 10, []

20. Two "N" Class SSN (LOA approx 355'). Readily apparent "staybrite" belt on bows, small sails well forward on hull, and possible vertical fin atop sterns all contribute to this identification. The submarines appear to be aligned along the northernmost

TOP SECRET

X1 two of the three sets of tracks leading into the northern half of the main construction hall. On [] a probable submarine was observed on the center of these three building ways. See annotation 5, [] 25X1

21. Probable submarine support barge (LOA approx 180'). Barge is located directly alongside the starboard quarter of the northernmost of the two "N" Class submarines on the unflooded shallow side of the main launch basin.

KEY TO FACILITY ANNOTATIONS

- X1 A. Construction of the roof has begun over the last of the four large vertical tanks at the Nuclear Submarine Special Support Facility, Yagry Island. Approximately 9/10ths of the easternmost of these four tanks has been roofed over. A circular covering has been placed across the top of the northeasternmost of the three remaining exposed vertical tanks. The two westernmost exposed tanks are still open at the top. The small square shaped building immediately adjacent to the structure containing the eight tanks now appears to be complete. On [] the roof of this building did not yet appear to have been completed (see annotation "A", []). 25X1
- X1 B. Small object on craneway in same position as structure resembling "M-130" house observed on [] (see annotation 9, Figure 8, []). Because of its position on the craneway, its apparent height, and shadow factor (when contrasted with the possible crane - annotation "C") it is believed that this may be the same structure observed some 300 feet further east on this quay on [] (annotation "B", []). 25X1
- X1 C. Possible crane near center of Special Support Facility quay. This imagery appears to be placed on the craneway and casts a shadow roughly three times longer than the shadow cast by the only other object on the crane-way (annotation "B" above). 25X1
- D. Southernmost 120 feet of new 440' x 80' building under construction has not yet been roofed over. (See annotation "D", []). 25X1
- E. Wet dock under construction at the Yagry Island Naval Repair Facility has been completely flooded. This facility is apparently being tested since the earthen cofferdam has yet to be broken at the entrance to the dock.

TOP SECRET

CIA/PIR-67167

CIA IMAGERY ANALYSIS DIVISION

- F. Right angle formed by pilings for quay to be constructed immediately southwest of new wet dock. When completed this quay will be roughly 1100 feet in length.
- G. Nearly completed transverser platform. Tracks appear to occupy nearly the entire transverser area - or a distance of approximately 240 feet from the probable hull section assembly shop. A cleared level area extends southeastward from the transverser for an approximate additional distance of 60-70 feet. It cannot yet be determined if tracks perpendicular to the transverser have been constructed toward the rear of the construction hall. See annotation "F", [REDACTED]

NOTE: All measurements have been made by the CIA/IAD project analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.

TOP SECRET

25X1

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

TOP SECRET

25X1

CIA/PIR-67167

CIA IMAGERY ANALYSIS DIVISION

REFERENCES

DOCUMENTS

25X1

CIA/PIR-67166, Severodvinsk Naval Base and Shipyard 402, Severodvinsk,
USSR, [REDACTED] (TOP SECRET [REDACTED])

25X1

25X1

CIA/PIR-67165, Severodvinsk Naval Base and Shipyard 402, Severodvinsk,
USSR, [REDACTED] (TOP SECRET [REDACTED])

25X1

25X1

CIA/PIR-67164, Severodvinsk Naval Base and Shipyard 402, Severodvinsk,
USSR, [REDACTED] (TOP SECRET [REDACTED])

25X1

25X1

CIA/PIR-67041, Severodvinsk Naval Base and Shipyard 402, Severodvinsk,
USSR, [REDACTED] (TOP SECRET [REDACTED])

25X1

- 7 -

25X1

TOP SECRET

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

TOP SECRET

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

SEVERODVINSK NAVAL BASE & SHIPYARD 402
64-35N 039-50E
SEVERODVINSK, USSR

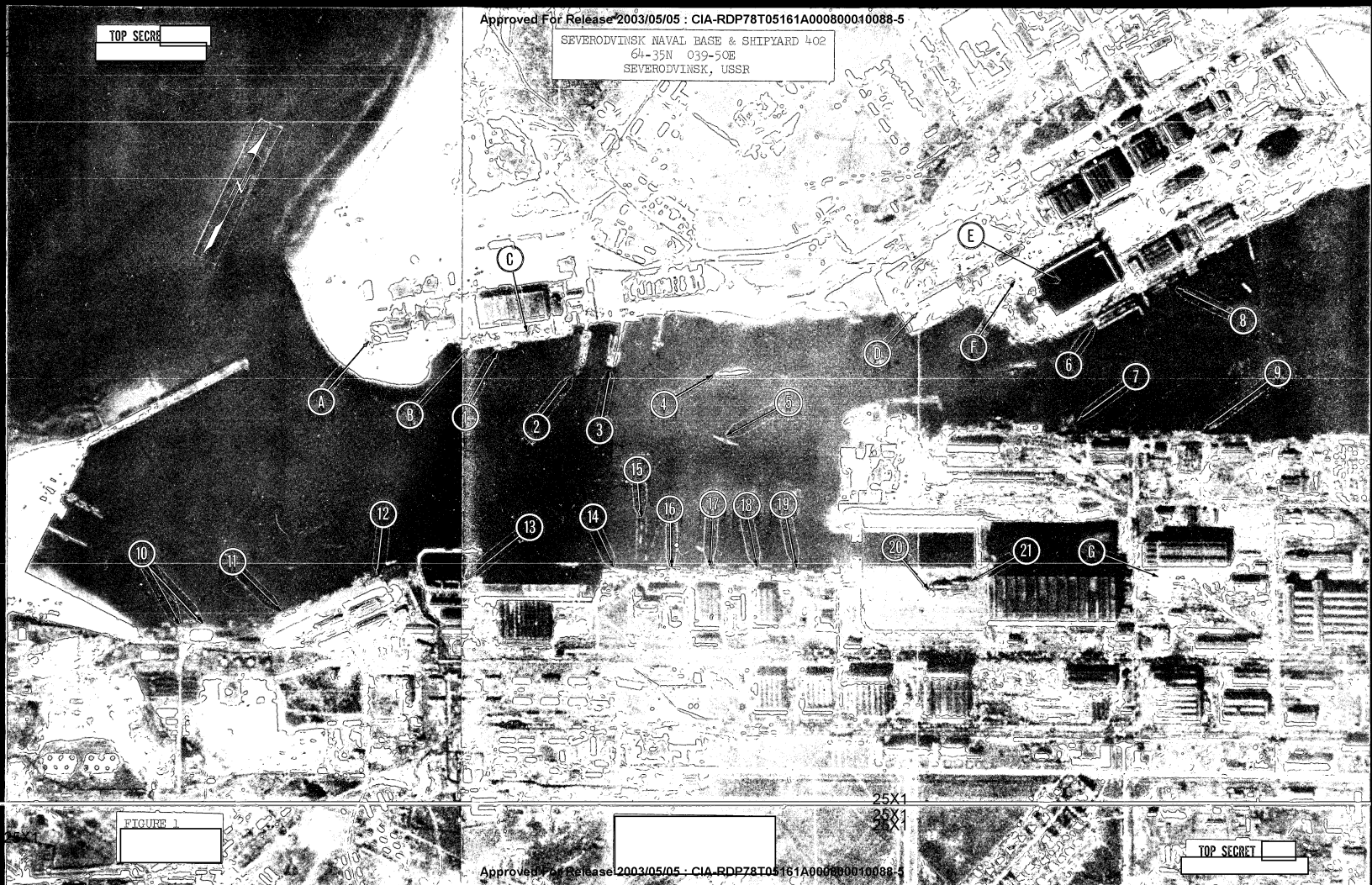


FIGURE 1

Approved For Release 2003/05/05 : CIA-RDP78T05161A000800010088-5

TOP SECRET

TOP SECRET

TOP SECRET